

FORM
5Rev
09/14

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401376347

Date Received:

08/29/2017

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: <u>47120</u>	Contact Name: <u>JENNIFER THOMAS</u>
Name of Operator: <u>KERR MCGEE OIL & GAS ONSHORE LP</u>	Phone: <u>(720) 929-6808</u>
Address: <u>P O BOX 173779</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-</u>	

API Number <u>05-123-43802-00</u>	County: <u>WELD</u>
Well Name: <u>BABCOCK</u>	Well Number: <u>14C-33HZ</u>
Location: QtrQtr: <u>SENW</u> Section: <u>4</u> Township: <u>2N</u> Range: <u>67W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>2137</u> feet Direction: <u>FNL</u> Distance: <u>2130</u> feet Direction: <u>FWL</u>	
As Drilled Latitude: <u>40.169182</u> As Drilled Longitude: <u>-104.896782</u>	

GPS Data:

Date of Measurement: 04/27/2017 PDOP Reading: 3.5 GPS Instrument Operator's Name: ROB WILSON** If directional footage at Top of Prod. Zone Dist.: 1792 feet Direction: FNL Dist.: 2232 feet Direction: FWLSec: 4 Twp: 2N Rng: 67W** If directional footage at Bottom Hole Dist.: 2159 feet Direction: FSL Dist.: 2242 feet Direction: FWLSec: 33 Twp: 3N Rng: 67WField Name: WATTENBERG Field Number: 90750

Federal, Indian or State Lease Number: _____

Spud Date: (when the 1st bit hit the dirt) 04/23/2017 Date TD: 05/24/2017 Date Casing Set or D&A: 05/25/2017Rig Release Date: 07/01/2017 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ ObservationTotal Depth MD 12356 TVD** 7378 Plug Back Total Depth MD 12253 TVD** 7377Elevations GR 4886 KB 4907 Digital Copies of ALL Logs must be Attached per Rule 308A ☐

List Electric Logs Run:

CBL, MWD, (CNL in 123-43809, RESISTIVITY in 123-19671)

CASING, LINER AND CEMENT

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	26	16	42	0	100	64	0	100	VISU
SURF	13+1/2	9+5/8	36	0	1,882	731	0	1,882	VISU
1ST	7+7/8	5+1/2	17	0	12,347	1,240	880	12,347	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
SUSSEX	4,690				
SHANNON	4,750				
SHARON SPRINGS	7,203				
NIOBRARA	7,326				
FORT HAYS	7,766				
CODELL	7,881				

Operator Comments

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.

Per Rule 317.p Exception, compensated neutron logs were run on the BABCOCK 23N-33HZ well (API 123-43809).

The Top of Productive Zone review is based on top perf at 8434' MD.

Completion is estimated for Q4, 2017.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: JENNIFER THOMAS

Title: REGULATORY ANALYST Date: 8/29/2017 Email: jennifer.thomas@anadarko.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401390289	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401390290	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401390288	Directional Survey **	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	DST Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
401376347	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401390275	LAS-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401390279	PDF-MWD/LWD	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401390281	LAS-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401390283	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401390287	DIRECTIONAL DATA	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineering Tech	Waiting on a response from the Operator regarding Form 17 compliance; Form 17 reporting was not submitted within 60 days of Date Rig Released, or prior to hydraulic stimulation per the dates provided on the related Form 5,5A, Operator will submit Form 17 reports. <ul style="list-style-type: none"> • Corrected the comments in the Drilling/Submit tab • Corrected the first string "Size of Hole" per the Cement Job Summary 	04/02/2018
Permit	Adjusted GR elevation to reflect dir survey and scout ticket Corrected with operator concurrence the footage at Top of Prod. Zone from 2237 FNL 2239 FWL 4-2N-67W to 1792 FNL 2232 FWL 4-2N-67W Changed Logs Run to CBL, MWD, (CNL in 123-43809, RESISTIVITY in 123-19671) In Submit tab, revised 'The Top of Productive Zone provided is an estimate based on the landing point at 7426 MD' to 'The Top of Productive Zone review is based on top perf at 8434 MD', Rule 371.p to Rule 317.p Operator: Shannon Top = 4750' MD	02/26/2018

Total: 2 comment(s)